Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1 (canceled).

Claim 2 (currently amended). The method according to claim ~~13~~ 14, wherein each of said first, second, and third color groups is made up of a total of four pixel data sets ~~a total of N = four pieces of pixel data~~, adjacent each other in two rows and two columns ~~in said bitmap image data, constitute one pixel-data group~~.

Claim 3 (currently amended). The method according to claim ~~13~~ 14, wherein each of said first, second, and third color groups is made up of a total of nine pixel data sets ~~a total of N = nine pieces of pixel data~~, adjacent each other in three rows and three columns ~~in said bitmap image data, constitute one pixel-data group~~.

Claim 4 (currently amended). The method according to claim ~~13~~ 14, wherein each of said first, second, and third color groups is made up of a total of sixteen pixel data sets ~~a total of N = sixteen pieces of pixel data~~, adjacent each other in four rows and four columns ~~in said bitmap image data, constitute one pixel-data group~~.

Claim 5 (currently amended). The method according to claim ~~13~~ 14, wherein ~~the pixel-data groups that are correlated to the lamps of the same color at one timing are partially overlapped in said bitmap image data~~

the first color group correlated to one first color lamp partially overlaps the first color group correlated to another first color lamp adjacent to said one first color lamp,

the second color group correlated to one second color lamp partially overlaps the second color group correlated to another second color lamp adjacent to said one second color lamp, and

the third color group correlated to one third color lamp partially overlaps the third color group correlated to another third color lamp adjacent to said one third color lamp.

Claim 6 (currently amended). The method according to claim ~~13~~ 14, wherein ~~the pixel-data groups that are correlated to the lamps of the same color at one timing do not overlap one another in said bitmap image data~~ the groups, of at least one color, having the same color do not overlap one another in said image data.

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Claim 7 (currently amended). The method according to claim ~~13~~ 14, wherein ~~the predetermined order for sequentially supplying the gradation values of the N pieces of said pixel data included in one pixel-data group is the same among all pixel-data groups~~ the order for selecting the pixel data sets that belong to each of said first, second, and third groups is the same among all groups.

Claim 8 (currently amended). The method according to claim ~~13~~ 14, wherein ~~the predetermined order for sequentially supplying the gradation values of the N pieces of said pixel data included in one pixel-data group is different among adjacent pixel-data groups~~ the order for selecting the pixel data sets that belong to each of said first, second, and third groups is different among adjacent groups.

Claims 9-13 (canceled).

Claim 14 (new). A method of displaying image data on a display apparatus, said display apparatus having:

(A)   a display screen section provided with a plurality of first color lamps, a plurality of second color lamps, and a plurality of third color lamps;

(B)   an activating circuit section for driving each of said lamps so that they emit light; and

(C)   an image data storing section for storing said image data, said image data being made of a plurality of pixel data sets,

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each said pixel data set including first color data, second color data, and third color data;

said method comprising:

(1)   a correlating step of performing the steps of:

correlating, to each said first color lamp, a first color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said first color lamp corresponding to the position, in said image data, of the first color group correlated to that first color lamp;

correlating, to each said second color lamp, a second color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said second color lamp corresponding to the position, in said image data, of the second color group correlated to that second color lamp; and

correlating, to each said third color lamp, a third color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said third color lamp corresponding to the position, in said image data, of the third color group correlated to that third color lamp; and

(2)   a selecting and lighting-up step of performing, in parallel, the steps of:

for each said first color lamp and each said first

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color group, sequentially selecting a pixel data set from among the pixel data sets of each said first color group, and, each time a pixel data set is selected, sequentially causing the first color lamp correlated to that first color group to light up based on the first color data of the selected pixel data set;

for each said second color lamp and each said second color group, sequentially selecting a pixel data set from among the pixel data sets of each said second color group, and, each time a pixel data set is selected, sequentially causing the second color lamp correlated to that second color group to light up based on the second color data of the selected pixel data set; and

for each said third color lamp and each said third color group, sequentially selecting a pixel data set from among the pixel data sets of each said third color group, and, each time a pixel data set is selected, sequentially causing the third color lamp correlated to that third color group to light up based on the third color data of the selected pixel data set;

wherein, at each timing for causing said lamps to light up, each of said first, second, and third color lamps is caused to emit light based on a different pixel data set.

Claim 15 (new). A display apparatus for displaying image data, comprising:

(A) a display screen section provided with a plurality of first color lamps, a plurality of second color lamps, and a plurality of third color lamps;

(B) an activating circuit section for driving each of said lamps so that they emit light;

(C) an image data storing section for storing said image data, said image data being made of a plurality of pixel data sets, each said pixel data set including first color data, second color data, and third color data; and

(D) a data distribution control section that is configured to carry out:

(1) a correlating step of performing the steps of:

correlating, to each said first color lamp, a first color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said first color lamp corresponding to the position, in said image data, of the first color group correlated to that first color lamp;

correlating, to each said second color lamp, a second color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said second color lamp corresponding to the position, in said image data, of the

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second color group correlated to that second color lamp; and

correlating, to each said third color lamp, a third color group that is made up of a predetermined number of pixel data sets among said plurality of pixel data sets in said image data, the position of each said third color lamp corresponding to the position, in said image data, of the third color group correlated to that third color lamp; and

(2) a selecting and lighting-up step of performing, in parallel, the steps of:

for each said first color lamp and each said first color group, sequentially selecting a pixel data set from among the pixel data sets of each said first color group, and, each time a pixel data set is selected, sequentially causing the first color lamp correlated to that first color group to light up based on the first color data of the selected pixel data set;

for each said second color lamp and each said second color group, sequentially selecting a pixel data set from among the pixel data sets of each said second color group, and, each time a pixel data set is selected, sequentially causing the second color lamp correlated to that second color group to light up based on the second color data of the selected pixel data set; and

for each said third color lamp and each said third color group, sequentially selecting a pixel data set from

among the pixel data sets of each said third color group, and, each time a pixel data set is selected, sequentially causing the third color lamp correlated to that third color group to light up based on the third color data of the selected pixel data set;

wherein, at each timing for causing said lamps to light up, each of said first, second, and third color lamps is caused to emit light based on a different pixel data set.